

PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 21

Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

U.S. PATENT DOCUMENTS

Examiner	Cite No.	Document Number Number Kind Code ³ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CD	340	2002/0162129 A1	10-31-2002	Lannfelt	
	326	2002/0136718 A1	09-26-2002	Raso	
	325	2001/0102261 A1	08-01-2002	Raso	
	306	6,417,178 B1	07-09-2002	Klunk et al.	
	342	2002/0009445 A1	01-24-2002	Du et al.	
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	196	6,150,091	11-21-2000	Pandolfo et al.	
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	2	5,958,883	09-28-1999	Snow	
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	353	5,824,322	10-20-1998	Balasubramanian	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 21

Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

211	5,736,142	04-07-1998	Sette et al.	
15	5,733,547	03-31-1998	Weiner et al.	
16	5,688,651	11-18-1997	Solomon	
17	5,679,348	10-21-1997	Nesburn et al.	
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U.S. PATENT DOCUMENTS

RELEVANT DOCUMENTS					
Examiner	Cite No.	Document Number Number Kind Code ² (if known)	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	206	60/254,405	12-08-2000	Holtzman et al.	
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	206	60/724,842	11-20-2000	Challfour et al.	
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Sheet 3 of 21

Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

282	00/109,087	12-08-1999	Chain
243	60/469,504	11-29-1999	Chalkfour et al.
209	09/441,140	11-10-1999	Solomon et al.
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
50	343	EP	1 172 378	A1	01-16-2002			
	35	EP	911 036	A2	04-28-1999			
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	51	EP	359 783	B1	11-29-1995			
	52	EP	276 723	B1	12-08-1993			
	187	EP	783 104	A1	07-09-1997			Yes
	351	WO	02/34878	A2	05-02-2002			
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	341	WO	02/03911	A2	04-07-2001			
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4

of

21

Complete if Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

243	WO	01/39796	A2	06-07-2001	
199	WO	00/77178	A1	12-21-2000	
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73	WO	93/21950	A1	11-11-1993	
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**INFORMATION DISCLOSURE
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Sheet 5 of 21

Complete If Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

76	WO	93/14200	A1	07-22-1993					
205	WO	93/04194	A1	03-04-1993					
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82	WO	91/16819	A1	11-14-1991					
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84	WO	91/08760	A1	06-27-1991					
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92	GB	2 220 211	A	01-04-1990					
93	GB	2 335 192	A	09-15-1999					

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,567
		Filing Date	November 28, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Christopher Nichols
		Attorney Docket Number	015270-005911US
Sheet	6	of	21

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CSU	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <i>Neurology</i> , 45:1441-1445 (1995).	<input checked="" type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <i>J. Mol. Biol.</i> , 225(4): 1075-1093 (1992).	<input type="checkbox"/>
	96	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <i>FEBS Letters</i> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	<input type="checkbox"/>
	204	BERCOVICI et al., "Chronic Intravenous Injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <i>Eur. J. Immunol.</i> , 29:345-354 (1999).	<input type="checkbox"/>
	212	BICKEL, et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Diseases," <i>Soc. for Neuroscience Abstracts</i> 18:764 (1992).	<input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <i>New England J. Medicine</i> , 341(22):1694 (1999).	<input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <i>Biochem. Biophys. Res. Comm.</i> , 171(2):890-897 (1990).	<input type="checkbox"/>
	99	BORCHELT et al., "Accelerated Amyloid Deposition in the Brains of Transgenic Mice Coexpressing Mutant Presenilin 1 and Amyloid Precursor Proteins," <i>Neuron</i> , 19: 939-945 (1997).	<input type="checkbox"/>
CSU	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <i>Cur. Opin. Genet. Develop.</i> , 3: 102-109 (1993).	<input type="checkbox"/>
Examiner Signature	Date Considered		

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Sheet 7 of 21

Complete if Known

Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

101	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717 : Val->Ile) in 85 cases of early onset Alzheimer's disease," <u>J. Neurology, Neurosurg. Psychiatry</u> , 56:112-115 (1993).	<input type="checkbox"/>
327	CAMERON, "Recent Advances In Transgenic Technology," <u>Molecular Biotechnology</u> , 7:253-265 (1997).	<input type="checkbox"/>
285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <u>Clin. Neuropharm.</u> , 15:414A-414B (1992).	<input type="checkbox"/>
224	Center for Biologics Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products), web site contents found at : http://www.fda.gov/cber/vaccines/thimerosal.htm, last updated May 16, 2002.	<input type="checkbox"/>
102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <u>Soc. Neurosci. Abstracts</u> , 19:513-7 (1993).	<input type="checkbox"/>
266	CHAPMAN, PAUL F., "Model behavior," <u>Nature</u> , 408:915-916 (2000).	<input type="checkbox"/>
222	Chemical Abstract database, Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals," Chemical Abstract database. (Publication date unknown.)	<input type="checkbox"/>
332	CHEN et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V->F transgenic mice," <u>Progress in Brain Research</u> , Van Leeuwen et al. Eds, 117:327-337 (1998).	<input type="checkbox"/>
307	CHEN et al., A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. <u>Nature</u> , 408(6815):975-9 (2000).	<input type="checkbox"/>
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Examiner Signature		Date Considered	7/11/03
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Sheet 8 of 21

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Application Number	09/724,587
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Sheet 9 of 21

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Sheet 10 of 21

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Sheet 12 of 21

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Application Number	08/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Sheet 15 of 21

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Application Number	09/724,567
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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Attorney Docket Number	015270-005911US

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Art Unit	1647
Examiner Name	Christopher Nichols
Attorney Docket Number	015270-005911US

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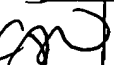
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		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Christopher Nichols
		Attorney Docket Number	015270-005911US
Sheet	1	of	1

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CN	349	Check, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).	
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